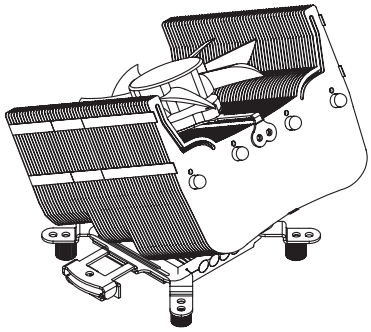
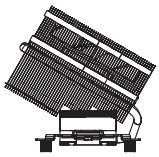
STOP THE NOISE.COM

NEXUS

MANUAL FLC-3000

real silent cpu cooler
perfectly balanced perfromance
30 degree airflow
PWM control



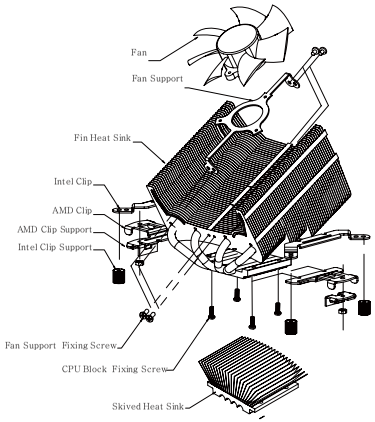


SkiveTEK

1. Specifications

Dimensions (L X W X H)	128 x 105 x 119mm (5.04 x 4.13 x 4.69 inch)
Material	Pure Copper - Base Pure Copper - Heat Pipe Pure Aluminum – Skived Heat Sink Pure Aluminum Fins
Weight	450g (15.9oz.)
Fan Size	92 X 92 X 25mm (3.6 X 3.6 X 0.9 inch)
Fan voltage	DC 12 Volt
Fan Functions	PWM Fan with two (2) Nexus Orange LEDs
Bearing Type	One Ball / One Sleeve Bearing
Fan Connector	4-Pins
Fan Speed	900~2500 RPM
Fan Noise	15~24 dB(A)
Thermal Grease	Shin Etsu 7762

2. Exploded View



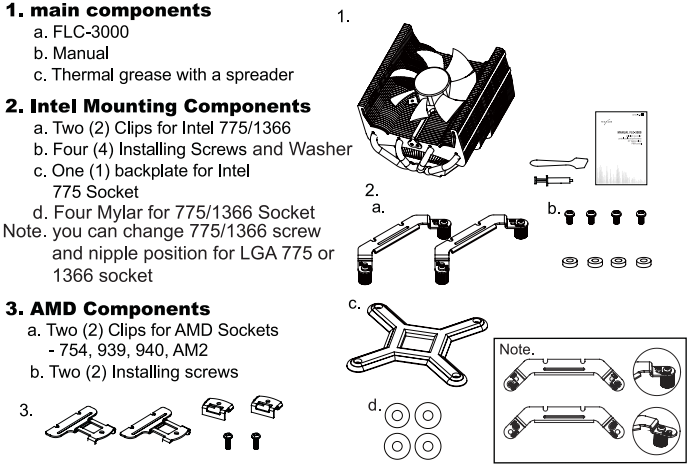
3. Components Check List

1. main components
- a. FLC-3000
- b. Manual
- c. Thermal grease with a spreader

2. Intel Mounting Components
- a. Two (2) Clips for Intel 775/1366
- b. Four (4) Installing Screws and Washer
- c. One (1) backplate for Intel 775 Socket
- d. Four Mylar for 775/1366 Socket

Note. you can change 775/1366 screw and nipple position for LGA 775 or 1366 socket

3. AMD Components
- a. Two (2) Clips for AMD Sockets - 754, 939, 940, AM2
- b. Two (2) Installing screws



4. Precaution

a. Do not put your finger in the fan while the fan is spinning.

b. If excessive force is exerted on the fan, it may result in malfunction or damage to the product and/or the computer.

c. Keep the product away from the reach of children and pets.

d. Check the components list and condition of the product before installation. If any problem is found, contact your place of purchase to obtain a replacement / refund.

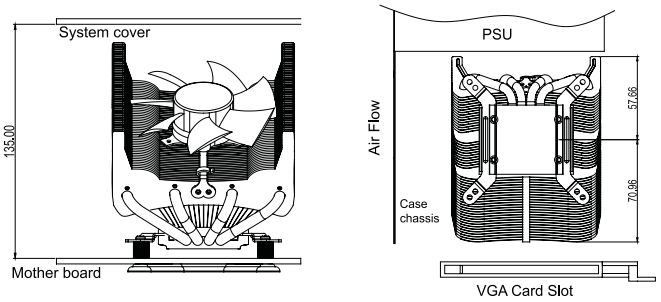
e. Nexus is not responsible for any damages arising from using the product outside of its intended purpose.

f. Nexus is not responsible for CPU or Motherboard damages arising from improper cooler installation. Please make yourself familiar with the FLC-3000 installation steps before installing the product.

5. CPU Compatibility

a. All Intel Dual Core Pentium CPUs, Pentium EE, Pentium D, Core i7(Socket 775 /1366)
b. All AMD Dual Core X2 CPUs (AMD Socket AM2)
c. AMD Sempron, AMD Athlon64, Opteron (AMD Socket 754, 939, 940)

6. Installation Requirements



7. Clip Installation

a. FLC-3000 clip installation depends on the motherboard's socket orientation.
Please follow the correct direction for your motherboard.

b. For Intel CPUs Choose Intel clips (figure A)
Plug in the Intel clips then tighten up the four (4) screws on the base
Please do not take off the SkiveTek Heat Sink from the copper base

c. For AMD CPUs choose the AMD clips (figure B)
Plug in the AMD clips then tighten up the four (4) screws on the base
Please do not take off the Skived Heat Sink from the copper base

Figure A.

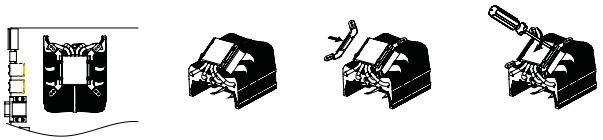
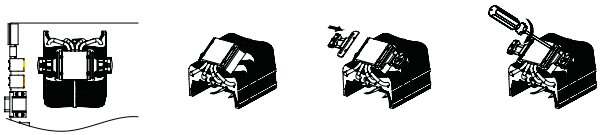
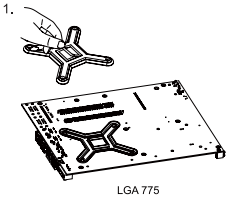


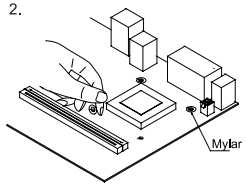
Figure B.

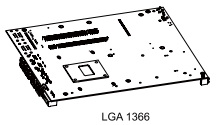


8. INTEL CPU Installation

a. Install Clips
Please refer to chapter 7 for Intel and AMD clips
b. Install Backplate (LGA 775)
- Please remove the motherboard from the system case.
- Remove the cover of the double sided sticker on back plate then attach it to the back side of the motherboard where it matches the 4 screw holes on Intel 775
c. Install Mylar
- Please put the four (4) pieces of the Mylar onto the screws

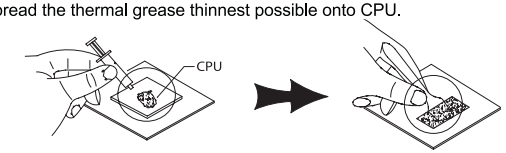






• The specifications of any product may change without prior notice to improve performance.

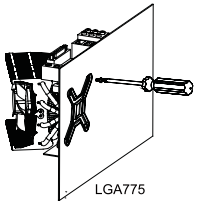
d. Apply thermal grease
- Gently clean the surface of the CPU.
- Spread the thermal grease on top of the CPU with spreader.
- Excess use of thermal grease may cause ineffective cooling performance.
- Spread the thermal grease thinnest possible onto CPU.



e. Mounting the FLC-3000 onto the motherboard

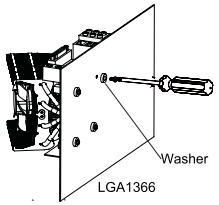
1.For LGA 775

- Place the motherboard vertically and insert four screws into the corners of the backplate. Hold the FLC-3000 in place, then fasten the screws slightly first. Then, fasten the screws in an alterneting manner until the clip is completely pressed onto the motherboard.



2.For LGA 1366

- Place the motherboard vertically and place the washers at the holes then fasten the screws slightly.
Then fasten the screws in an alternating manner until the clip is completely pressed onto the motherboard.

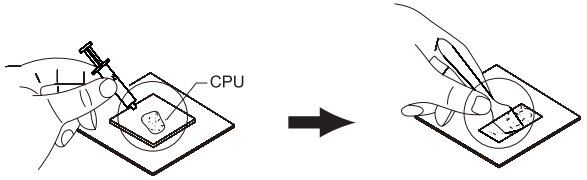


f. Fan Connector plug in
- Insert the 4-pin fan connector into the motherboard fan header.

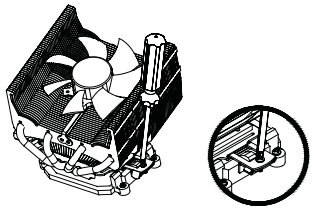
9. AMD CPU Installation

a. Install Clips
Please refer to chapter 7 for Intel and AMD clip installing

b. Apply thermal grease
- Gently clean the surface of the CPU.
- Spread the thermal grease on top of the CPU with spreader.
- Excess use of thermal grease may cause ineffective cooling performance.
- Spread the thermal grease thinnest possible onto CPU.



c. Mounting the FLC-3000 onto the CPU
Insert two (2) bolts into each corner of the clip, then fasten then bolts slightly at first. Then, fasten the bolts in an alternating manner until the clip is completely pressed.



- It is recommended that a Philips tipped screwdriver over 250mm in length is used for the FLC-3000 installation on AMD CPU. To prevent displacement of the clip during the FLC-3000 installation on AMD CPU, please hold the clips until the screw is securely tightened.

d. Fan connector plug in
- Insert the 4-pin fan connector into the motherboard fan header.

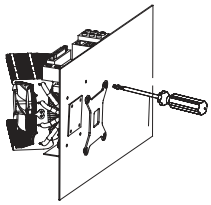
10. Optional 1366 Backplate

Optional 1366 Backplate is available for a structure enhancement

- Place the motherboard vertically and place the washers at the holes then fasten the screws slightly.
  Then fasten the screws in an alternating manner until the clip is completely pressed onto the motherboard.

-Backplate SPEC
Backplate size:93*93*7.5mm (3.66*3.66*0.18 inch)
Backplate hole size:80*80mm (3.15*3.15 inch)
Backplate Material:SPCC
Weight:71g(2.51 oz)

LGA1366 Backplate



LGA1366 Backplate Insert

11. Notes on Usage

1) Checking CPU Compatibility

Please refer to chapter 5 for CPU Compatibility before using the FLC-3000.

2) Cautions during Booting

The system may automatically shut down during the booting in such incident, please disable the CPU Fan monitoring option in the system BIOS, or set the CPU fan's rotational speed to 1,200 RPM or lower in the system monitoring

For more information regards on this issue, please check your motherboard manufacturer's website. Disabling CPU fan speed detection in BIOS settings does not affect computer performance.

3) OVERCLOCKING

Nexus is not responsible for any damage resulting from system overclocking.